## EAST Search History

| Ref # | Hits  | Search Query   | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|-------|-------|--|--|---------------------|---------|---------------------|
| L1    | 81225 | "x-ray diffraction"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/01/31<br>17:28 |
| L2    | 151   | L1 and (powder or<br>microcrystalline) and<br>pharmaceutical\$3 and<br>hydrate and water and<br>solid near3 form\$1 and<br>computer and (disorder<br>or chaos or disarray)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/01/31<br>17:28 |
| L3    | 85    | L2 and (distribution and function)   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/01/31<br>17:28 |
| L4    | 4     | L3 and "436".clas.   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/01/31<br>17:28 |
| L5    | 1     | L3 and 436/57.ccls.  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/01/31<br>17:31 |
| L6    | 1     | L3 and 436/79.cds.   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/01/31<br>17:32 |
| L7    | 26    | ("20020049771"   "20020061599"   "20020061599"   "20020183938"   "3422268"   "4893377"   "48377745"   "5206699"   "5424037"   "5445934"   "5658802"   "5744305"   "5658802"   "5744305"   "5763278"   "5807522"   "5928952"   "5956137"   "6480014"   "6642060"   "6460014"   "6642060"   "6750064",PN. OR ("6977723") URPN. | US-POPUB;<br>USPAT; USOCR                                | OA                  | OFF     | 2009/01/31          |
| L16   | 15    | L3 and "435".clas.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/01/31<br>19:15 |

| L17 | 81  | Debye-Scherrer near3<br>method   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>20:02 |
|-----|-----|--|--|----|-----|---------------------|
| L18 | 5   | L17 and (powder or<br>microcrystalline) and<br>pharmaceutical\$3 and<br>hydrate and water and<br>solid near3 form\$1 and<br>computer and (disorder<br>or chaos or disarray)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>20:02 |
| L19 | 5   | L18 and distribution<br>and function and salt  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>20:08 |
| L20 | 21  | 1 and (Levinson near2<br>Douglas).in.  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>20:12 |
| L21 | 928 | "21" and (powder or<br>microcrystalline) and<br>pharmaceutical\$3 and<br>hydrate and water and<br>solid near3 form\$1 and<br>computer and (disorder<br>or chaos or disarray)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>20:14 |
| L22 | 6   | (Levinson near2<br>Douglas), in. and<br>(powder or<br>microcrystalline) and<br>pharmaceutical\$3 and<br>hydrate and water and<br>solid near3 form\$1 and<br>computer and (disorder<br>or chaos or disarray)<br>and distribution and<br>function and salt | US-PCPUB;<br>USPAT; USCCR;<br>FPRS; EPC;<br>JPC; DERWENT | OR | OFF | 2009/01/31<br>20:15 |
| L24 | 182 | 1 and 378/70.cds.  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>21:42 |
| L25 | 0   | L3 and 378/70.cds.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>21:42 |

| L26 | 16   | ("20020067800"   "20060015265"   "5970697"   "5985356"   "6004617"   "603475"   "6045671"   "6157449"   "6327334"   "6346290"   "6459763"   "649968"   "6507945"   "6805652"), PN. OR ("7372941"), URPN. | US-PCPUB;<br>USPAT; USOCR                                | OR | OFF | 2009/01/31<br>21:48 |
|-----|------|--|--|----|-----|---------------------|
| S1  | 2    | "20070243620"  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/16<br>07:02 |
| S2  | 34   | "1751527"  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/16<br>07:20 |
| S3  | 5    | "atomic pair<br>distribution function"   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/16<br>07:55 |
| S4  | 14   | "pair distribution<br>function"  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/16<br>07:56 |
| S5  | 180  | "monte carlo<br>calculation"   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/16<br>08:49 |
| S6  | 38   | S5 and solid near3<br>(state or form)  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/16<br>08:50 |
| S7  | 8124 | x-ray adj powder adj<br>diffraction  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/16<br>12:27 |
| S8  | 8124 | "x-ray powder<br>diffraction"  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/16<br>12:27 |
| S9  | 14   | "pair distribution<br>function"  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/16<br>12:27 |
| S10 | 3    | S8 and S9  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/16<br>12:27 |

| S11         | 180 | "monte carlo<br>calculation"   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | OFF | 2008/07/16<br>12:28 |
|-------------|-----|--|---|----|-----|---------------------|
| S12         | 1   | S8 and S11   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | OFF | 2008/07/16<br>12:28 |
| <b>S</b> 13 | 20  | S8 and (distribution adj<br>function)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | OFF | 2008/07/16<br>12:49 |
| S14         | 13  | S8 and (distribution adj<br>function) near3 (pair or<br>radial)                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | OFF | 2008/07/16<br>12:51 |
| S15         | 13  | S8 and ((distribution<br>adj function) near3<br>(pair or radial))              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | OFF | 2008/07/16<br>12:51 |
| S16         | 3   | "20040103130"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | OFF | 2008/07/20<br>11:32 |
| S17         | 16  | "pair distribution<br>function"  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | OFF | 2009/01/23<br>09:40 |
| S18         | 16  | S17  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | OFF | 2009/01/23<br>09:40 |
| S19         | 16  | "pair distribution<br>function"  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | OFF | 2009/01/30<br>17:11 |
| S20         | 2   | US-20070110214-\$.<br>DID.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/30<br>17:13 |
| S21         | 2   | WO-2005082050-\$.<br>DID. OR WO-0061784-<br>\$.DID. OR WO-<br>0061784D-\$.DID. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/30<br>17:14 |
| S22         | 2   | "6281503"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT                | OR | OFF | 2009/01/30<br>17:15 |

| S23  | 1186684  | (bates near2 simon)".<br>inv"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/30<br>17:31 |
|------|----------|--|--|----|-----|---------------------|
| S24  | 10139277 | (bates near2 simon)".<br>in"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/30<br>17:31 |
| S25  | 18       | (bates near2 simon).in.  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/30<br>17:32 |
| S26  | 11       | (ivanisevic near2 igor).<br>in.  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/30<br>17:32 |
| \$27 | 20       | ("3973126"   "4365303"   "4515165"   "4365303"   "4515165"   "4549307"   "4651002"   "4751722"   "4754469"   "487265"   "4962515"   "4887265"   "5212719"   "5386447"   "5491738"   "5604783"   "5517733"   "5741707"   "5741509").PN. OR ("6281503").UFPN. OR | US-POPUB;<br>USPAT; USOCR                                | OR | OFF | 2009/01/31          |
| S28  | 8781     | "x-ray powder<br>diffraction"  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>09:59 |
| S29  | 16       | "pair distribution<br>function"  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>09:59 |
| S30  | 3        | \$28 and \$29  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>09:59 |
| S31  | 3653     | \$28 and pharmaceutical<br>\$3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:07 |
| S32  | 1355     | S31 and hydrate  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:08 |

| S33 | 1339 | S32 and crystal\$4                                     | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:08 |
|-----|------|--|--|----|-----|---------------------|
| S34 | 882  | S33 and solid near3<br>form\$1                         | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:20 |
| S35 | 0    | S34 and computer and instructi3                        | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:21 |
| S36 | 0    | S34 and instruct4                                      | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:21 |
| S37 | 127  | S34 and computer                                       | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:21 |
| S38 | 16   | ("4245158"  <br>"4955974").PN. OR<br>("5491738").URPN. | US-PGPUB;<br>USPAT; USOCR                                | OR | OFF | 2009/01/31<br>10:22 |
| S39 | 0    | S37 and S27 and S38                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:23 |
| S40 | 0    | S37 and S27  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:23 |
| S41 | 0    | S37 and S38  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:23 |
| S42 | 7    | S34 and computer<br>near3 medium                       | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:25 |
| S43 | 39   | S34 and computer and direction\$1                      | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:26 |
| S44 | 39   | S43 and function\$1                                    | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:29 |
| S45 | 38   | S43 and function\$1<br>and distribution                | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:29 |

| S46 | 38    | S45 and water   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:33 |
|-----|-------|---|--|----|-----|---------------------|
| S47 | 18    | S46 and (disorder or chaos or disarray)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:34 |
| S48 | 467   | "small-angle X-ray<br>scattering"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:40 |
| S49 | 1178  | "small angle X-ray<br>scattering"   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:40 |
| S50 | 18    | \$28 and \$49   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:41 |
| S51 | 81225 | "x-ray diffraction"   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:51 |
| S52 | 151   | S51 and (powder or<br>microcrystalline) and<br>pharmaceutical\$3 and<br>hydrate and water and<br>solid near3 form\$1 and<br>computer and (disorder<br>or chaos or disarray) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31          |
| S53 | 78308 | S52 and (distribution<br>and function) or<br>(mathematical and<br>model)  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:54 |
| S54 | 85    | S52 and (distribution and function)   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:55 |
| S55 | 6     | S52 and (mathematical<br>and model)   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:55 |
| S56 | 6     | S52 and mathematical<br>and model\$3  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/31<br>10:55 |

<sup>1/31/2009 9:56:49</sup> PM

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